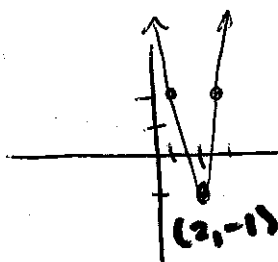


CW 3/31

1) Fill in the table for $y = 2x^2 - 3$
 $2(1)^2 - 3$

x	y
-1	-1
0	-3
1	-1
2	5

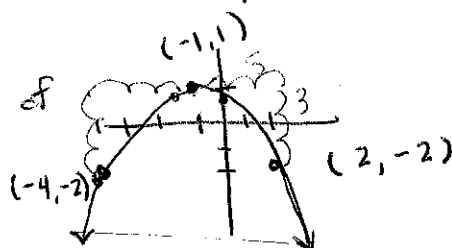
2) Find the equation of
 ✓ with calculator



$$y = (x-2)^2 - 1$$

$$y = a(x-h)^2 + k$$

3) Write the equation of



$$y = -\frac{1}{3}(x+1)^2 + 1$$

Make a guess
 Put in y =
 look at table

4) Sketch the graph of $y = -2(x+3)^2 - 4$

* Put at least 3 specific pts on the graph
 (-3, -4)



5) What is the vertex of $y = 5(x+4)^2 - 1$?

$$(-4, -1)$$

